

-EPL-PRM-400WMH-12-**Instruction Manual**

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

WARNING:

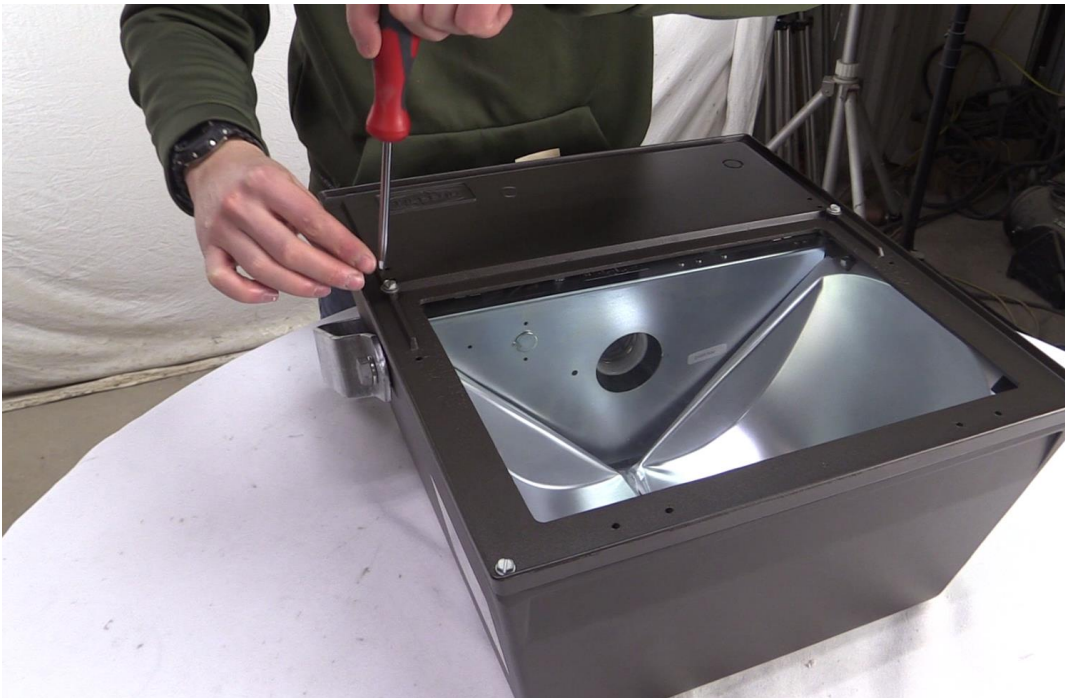
- Ballast change should only be attempted by a certified electrician.
- Make sure to disconnect all power before attempting any changes to the fixture.

Replacing the EPL-PRM-400WMH ballast with EPL-PRM-400WMH-12.

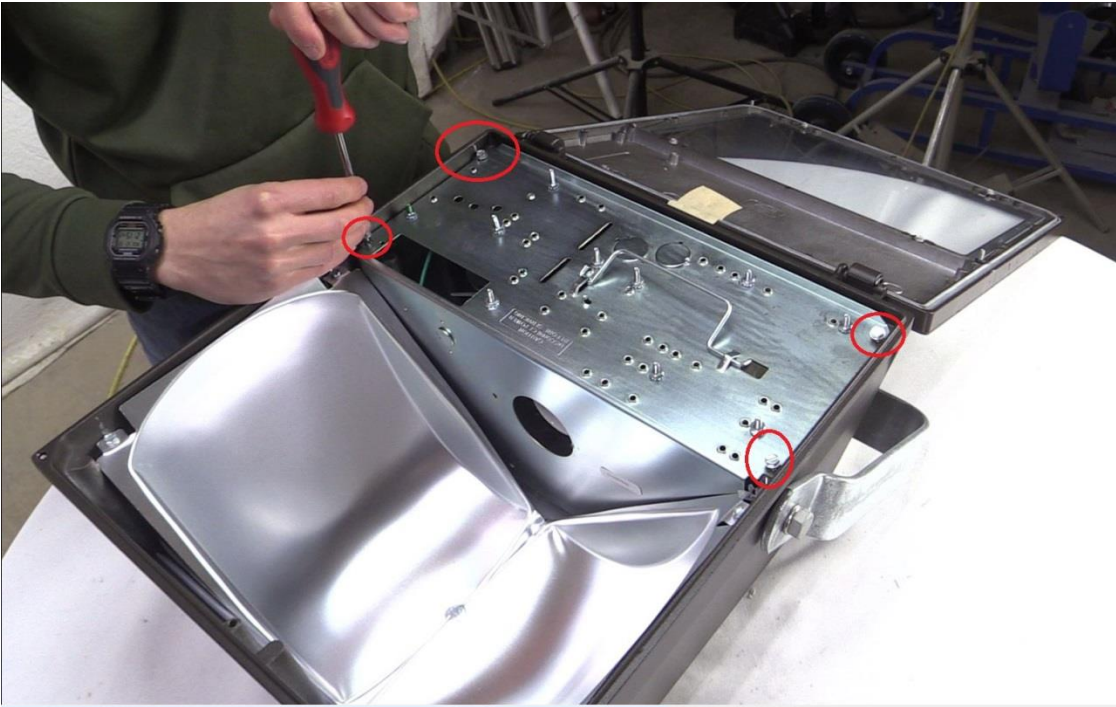
This EPL-PRM-400WMH-12 is the standard ballast which comes with the EPL-PRM-400WMH.

Instructional Steps for Changing out the ballast Listed Below:

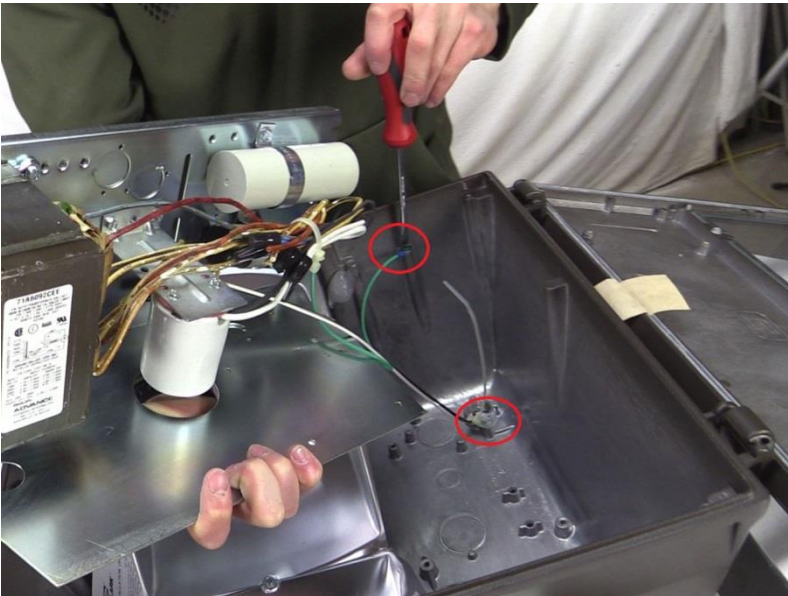
1. Remove all four bolts on the face of the light. The face of the lights will open downward to reveal the inside which contains the ballast.



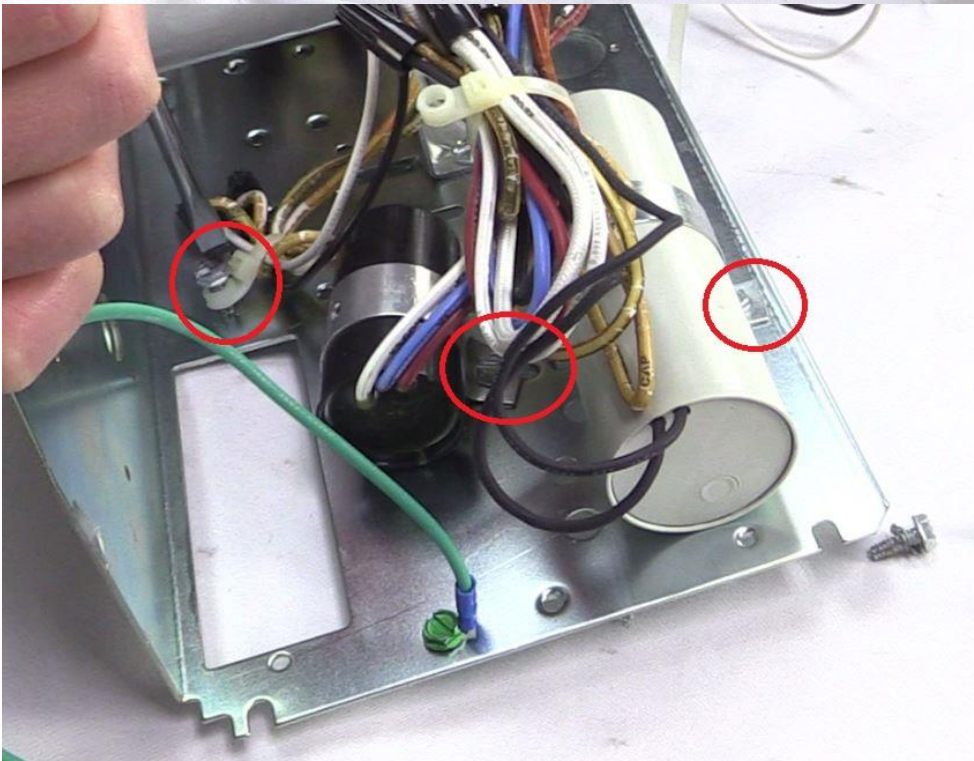
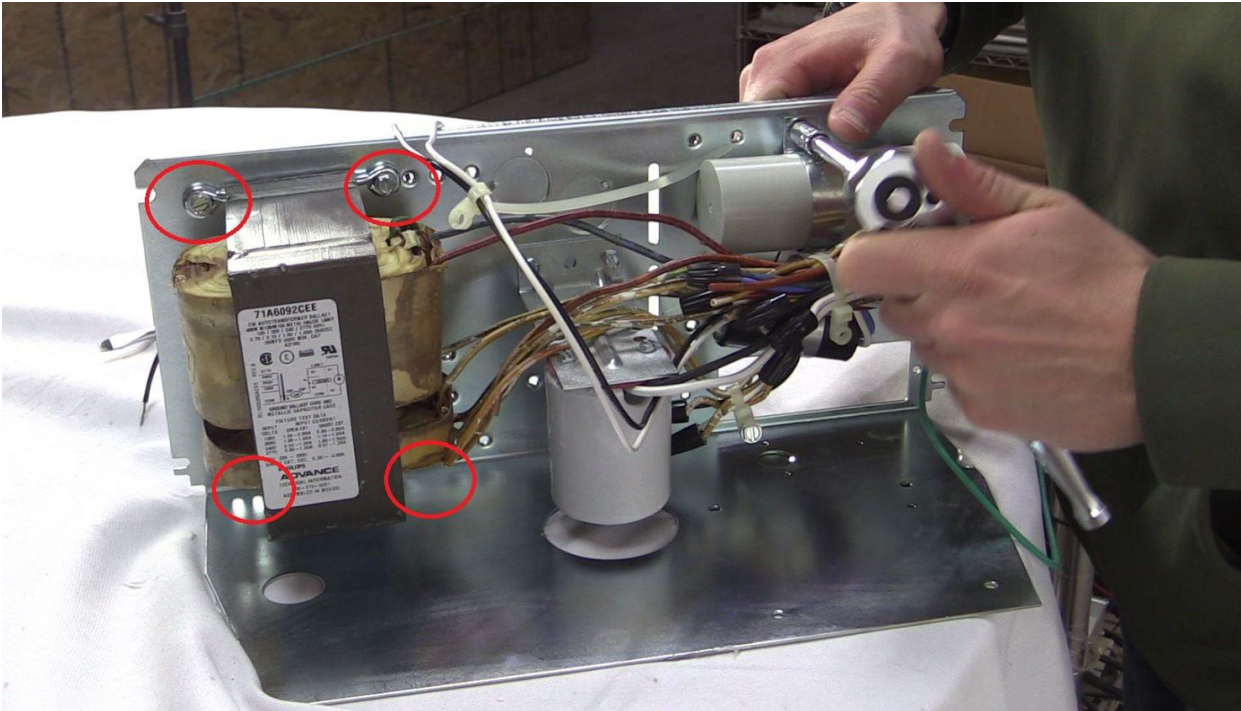
2. One the inside of the light is visible remove the four bolts circles in red below.



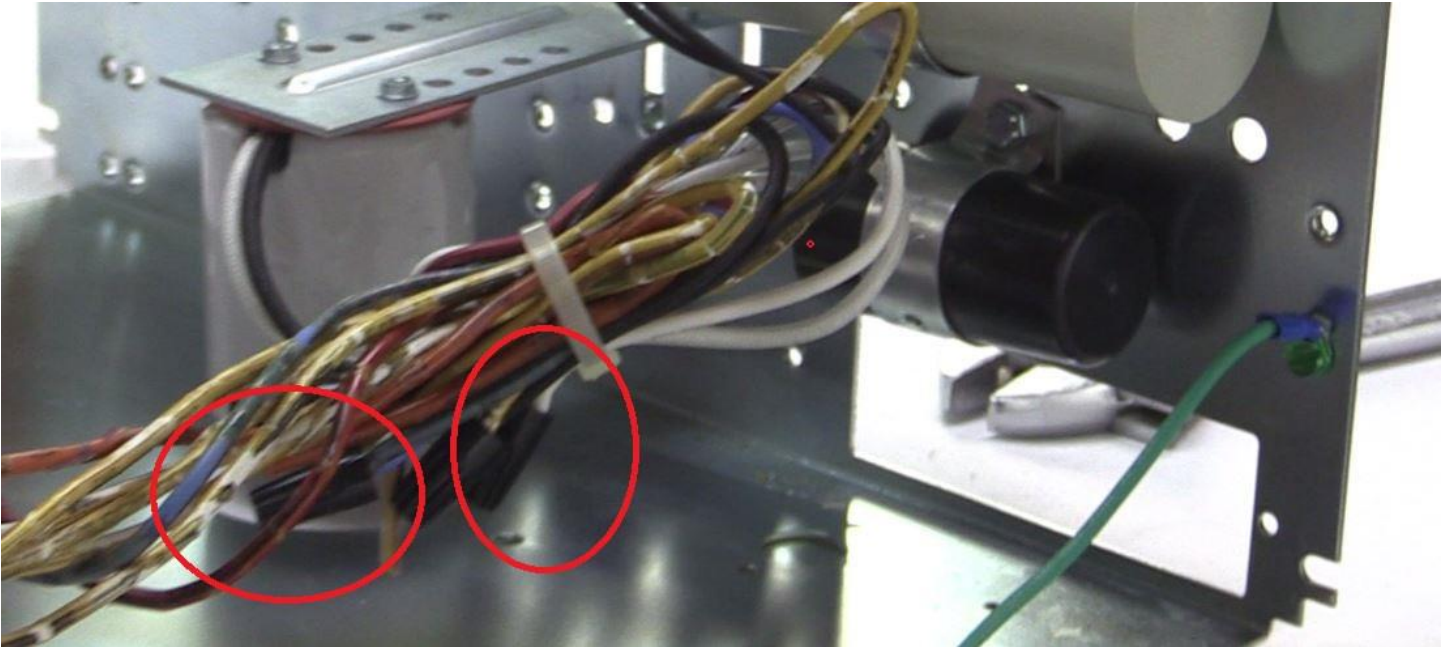
3. Then grab the handle and lift the inside of the light out. The ballast will be attached to this removable faceplate. The faceplate will still be secured to the housing by a ground screw and zip-tie both circled in red in the pictures below.



- Once the faceplate is free of the housing begin separating the ballast from the faceplate. There are seven bolts needed to fully separate the ballast from the faceplate. These seven bolts can be seen in the pictures below.



5. Once the ballast is free, disconnect the ceramic socket from the ballast with the wire nuts pictured below. You may be required to break free the zip tie close to the wire nuts on the harness.



6. Now the ballast will be free. Take the replacement ballast and repeat steps 1-5 in a reverse order.

REMEMBER: Always make sure to do a thorough physical and visual check of all components to ensure that all connections are tight and the light is ready for use before powering on.

For HAL-PRM-400W-MH Operating and Installation Instructions Keep Reading:

READ THOROUGHLY BEFORE INSTALLING

WARNING: Risk of Electric Shock. Turn Power off before servicing.

The operating temperature listed for this luminaire is based on the following bulb sizes. Use of other than these may result in a higher operating temperature and could result in a hazardous condition.

LAMP TYPE	WATTAGE	BULB SIZE
High Pressure Sodium	70, 100, 150	ED 23 1/2
High Pressure Sodium	250, 400	ED 18
Metal Halide/Mercury	175, 250	ED 28
Metal Halide/Mercury	400	ED 28

GENERAL:

This luminaire is designed for outdoor lighting service, and should not be used in areas of limited ventilation, or in high ambient temperature enclosures. Best results if installed and maintained according to the following recommendations.

INSTALLATION:

CAUTION: Unit will fall if not installed properly. Follow installation instructions.

The floodlight is provided with a trunnion bracket which can be mounted directly on flat surfaces or building fronts. The trunnion bracket has a clearance hole for a ¾ inch bolt used for attachment for such mountings. The ½ inch holes on either side permit additional anchoring, where required. Tighten side trunnion bolts to 18-22 foot pounds.

AIMING:

Slightly loosen bolts (two on trunnion) tilt luminaire to desired position and retighten bolts.

LAMPS:

Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

Lamp tightness- The lamp should be securely inserted to the NEMA-EEI specified torque of 35 inch pounds, which is best achieved by very firmly tightening to insure application of sufficient torque. Tightening must be sufficient to fully depress and load the center contact of the socket.

WIRING:

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirement.

Verify that the supply voltage is correct by comparing it to the nameplate. If unit is designated as multivolt or multiwatt, follow specific instruction.

Three conductor No. 14 cable (with 90°C minimum insulation) is recommended for making electrical connections to the HAL-PRM-400WMH.

Wiring is accomplished through the wiring box provided on the fixture. The box is provided with a size $\frac{3}{4}$ inch NPT threaded conduit opening. Wiring methods must comply with NFPA 70 (The National Electrical Code) Article 501 for Class 1, Division 2 Hazardous (Classified) Locations.

To get inside the unit, open the door, loosen the (2) screws holding the reflector and remove the reflector. Verify the correct supply voltage and lamp wattage.

IF SINGLE VOLTAGE:

All single voltage ballasts are pre-wired such that user need only connect the supply conductors.

IF MULTIVOLT (120/208/240/277 V)

Connect the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate.

IF MULTIWATT:

Multiwatt ballasts are available in various combinations of wattage. See wiring instructions on wiring tag inside the luminaire.

WIRING OUTDOOR SALT WATER MARINE:

Wiring is accomplished through the wiring box on the bottom of the fixture. When wiring is complete, tighten weatherproof fitting on box around cable.

MAINTENANCE:

CAUTION: Risk of Burn. Allow lamp/fixture to cool before handling

WARNING: Risk of Burn. Do not touch operating luminaire.

The ALGLAS finish on the reflector and the door glass may be cleaned with any suitable nonabrasive glass cleaning solution, soap, or detergent and rinsed with clean water.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.